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(MAL/77/008)

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APPROVAL OF UNDP ASSISTANCE TO A PROJECT OF THE GOVERNMENT OF MALAYSIA

Coastal Aquaculture Development
(MAL/77/008)

Report of the Administrator *

Date of present approval:	April 1980
Starting date of project activities:	August 1980
Planned completion date:	July 1982
To be executed by:	Food and Agricultural Organization of the United Nations (FAO)
Government implementing agency:	Department of Fisheries (Ministry of Agriculture)
Estimated cost of assistance planned under present approval:	$458 550
Source of UNDP financing:	Indicative Planning Figure (IPF)

I. Background

1. Malaysia's marine fish resources are rapidly being depleted. Thus there is pressing need for the country to find alternative sources of fish protein. Brackish water aquaculture has great potential as a means of meeting this demand, but its development in Malaysia is hampered by inadequate technology. The purpose of this project is to introduce and demonstrate the techniques for brackish water aquaculture known in other parts of Asia.

II. Objectives and activities

2. The project's long-term development objectives are to: (a) increase the employment and income of indigenous fishermen and fish farmers; (b) increase the supply of fish; and

* In accordance with General Assembly resolution 2688 (XXV) and subsequent authorizations of the UNDP Go-erning Council, reports are issued seriatim on the approval of UNDP assistance of $250,000 or more (including, if any, assistance financed by the Government or by third-party cost sharing).

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(c) improve the overall viability of small scale fisheries through diversification.

3. Its immediate objectives are to: (a) determine which local species of fish and shrimp are available for pond culture and the seasonality of fry supplies; (b) verify the technology known and available both within and outside the country and demonstrate fin fish and penaeid culture techniques; (c) determine the optimum size of family-operated pond culture units; (d) establish mechanisms for providing financial assistance for long-term development; and (e) undertake the seed production of fin fish as well as shrimp through the establishment of a hatchery.

II. Inputs

4. Under the assistance now approved, UNDP will provide, through the Executing Agency, the services of the following experts: a senior fisheries biologist; a fisheries biologist; and a master fish farmer. The services of consultants will be provided in the following fields: feeds and feed preparation; aquaculture engineering (hatchery and pond design); hatchery management; culture of food organisms; training, and economics/marketing.

5. To carry out the activities for which assistance is now approved, the Government of Malaysia will provide office space, national staff, and such facilities as are required to assist the activities of the experts.

III. Financial data

6. The expenditure components of the planned assistance are as follows:

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Personnel	454,000
Miscellaneous	4,500
	458,500

7. The estimated total value, expressed in US dollars, of the inputs provided directly by the Government to the project is $1,194,484 in kind.

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